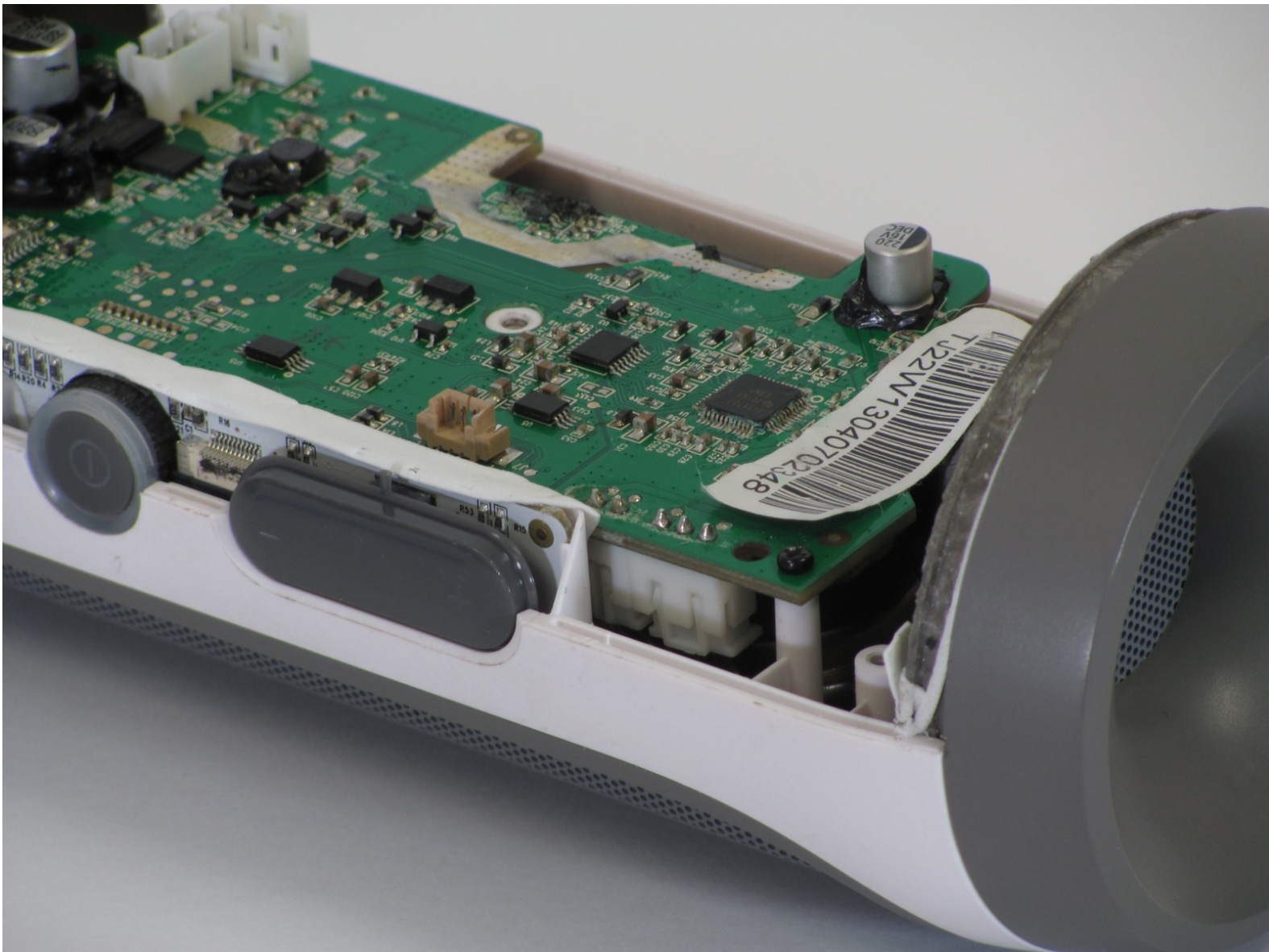




JBL Charge Motherboard Replacement

This guide is focused on replacing a damaged motherboard to fix a variety of functional issues.

Written By: Jake Bertholf



INTRODUCTION

Removing the motherboard will allow access to most of the internal components.

TOOLS:

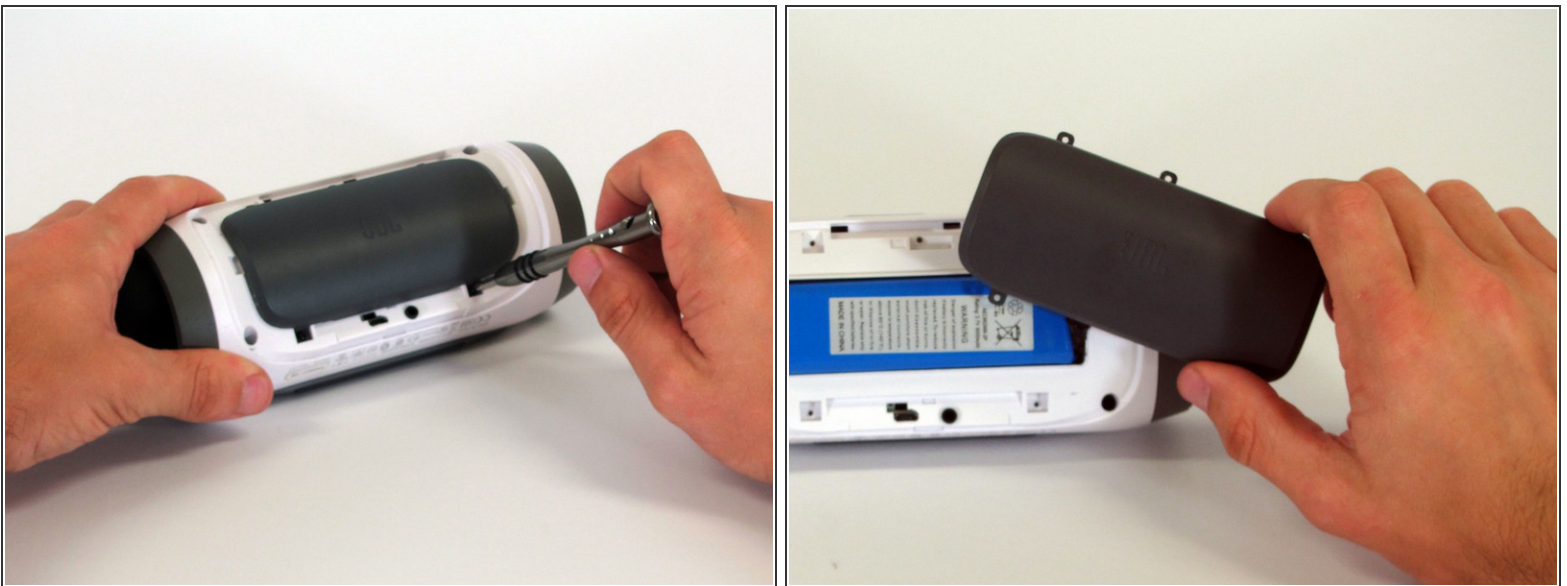
- [Metal Spudger](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [Spudger](#) (1)
 - [Phillips #2 Screwdriver](#) (1)
-

Step 1 — Disassembling JBL Charge Casing



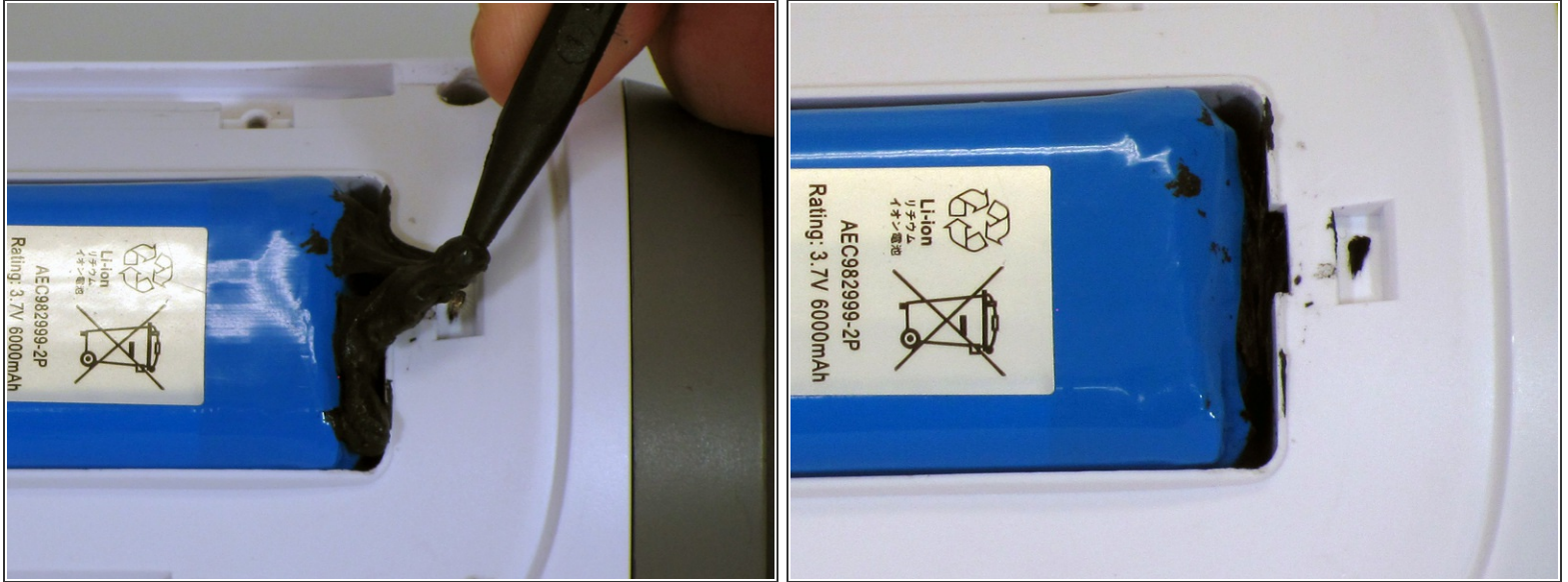
- Make sure the device is powered off before you begin.
- Use a Jimmy or metal spudger on each corner to separate the trim from the device.

Step 2



- Use the PH1 screwdriver to remove the five 6 mm Phillips screws from the battery cover.
- Remove the battery cover and set it aside.

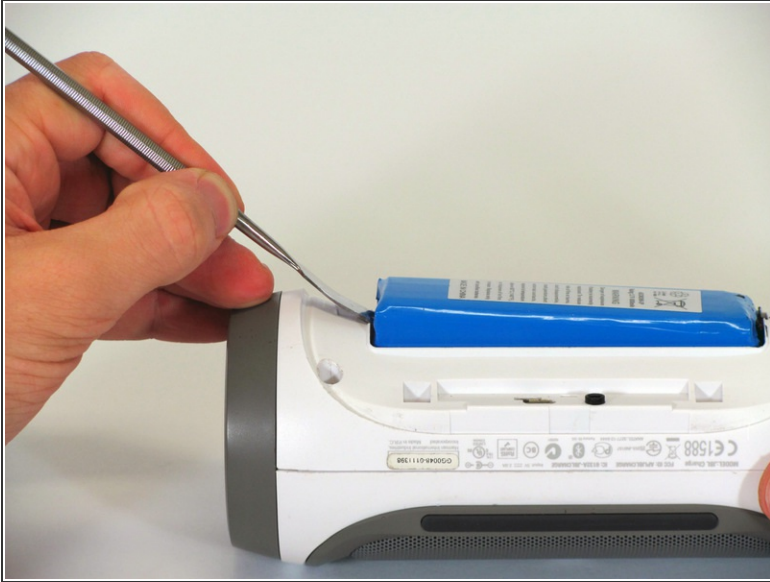
Step 3



- Use a spudger to remove most of the liquid electrical tape from the battery and battery compartment.

⚠ Be careful to not puncture the battery or damage the battery wire under the liquid electrical tape.

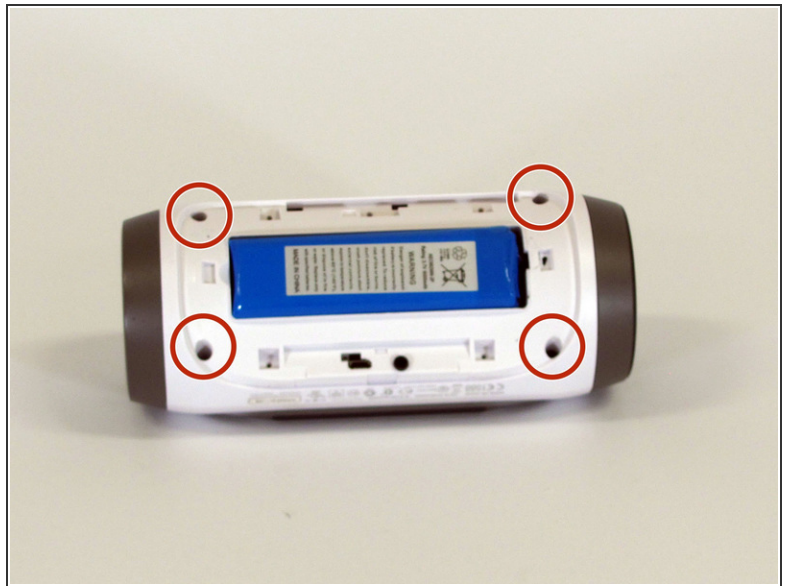
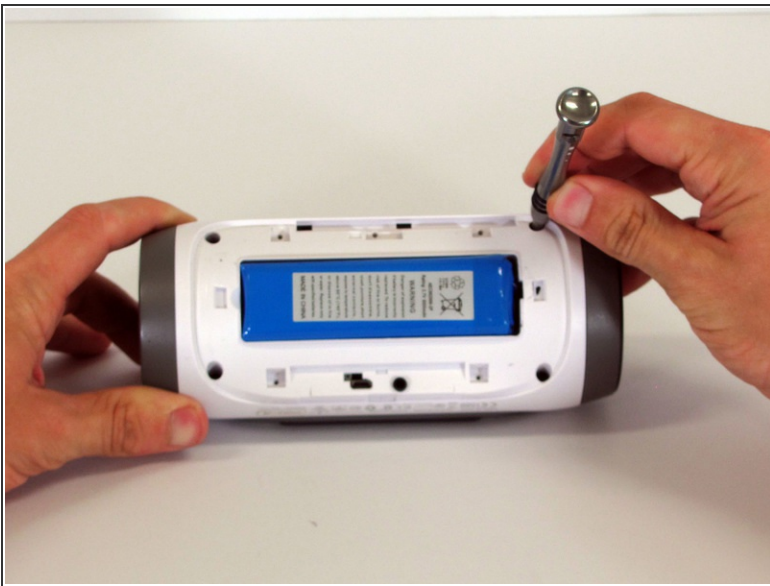
Step 4



- Use a metal spudger to pry the edge of the battery out of the device.
- Lift the battery just enough to remove the 16mm PH2 screw underneath it.

⚠ Lifting the battery too far will cause damage to the battery wire.

Step 5



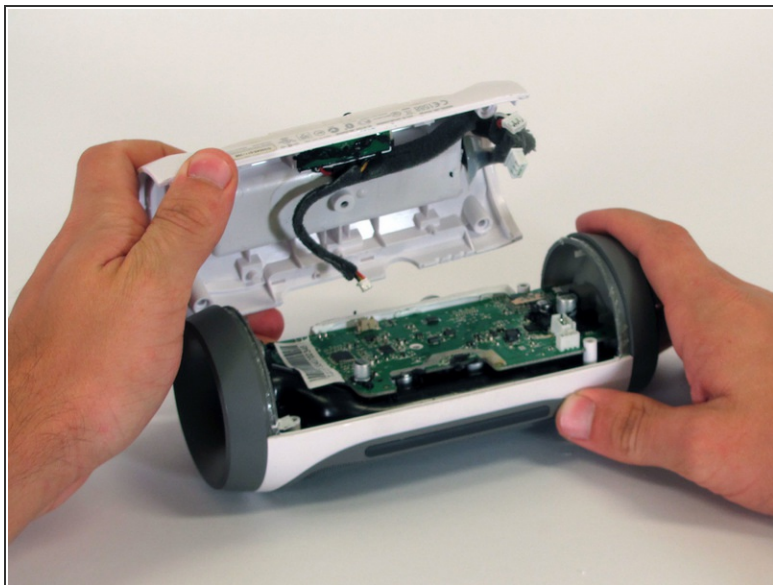
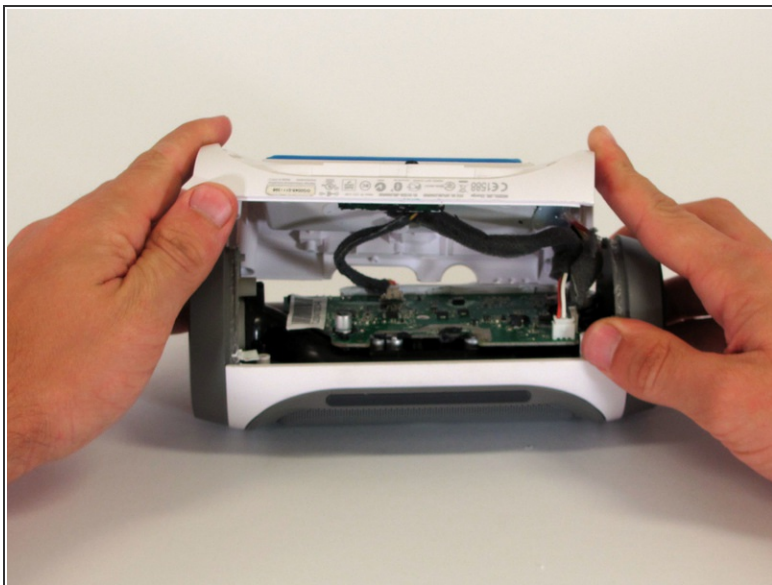
- Remove the remaining four 16mm Phillips screws from the white plastic casing with the PH2 screwdriver.

Step 6



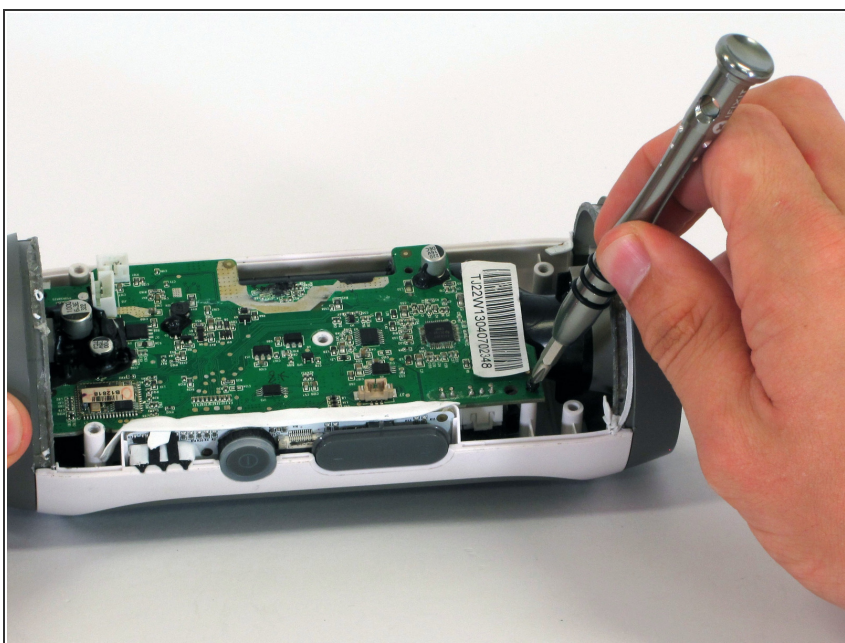
- Start in a corner, where the casing and the side meet. Use a pointed metal spudger to pry apart the glue holding these seams together.
- Slide the metal spudger along these seams to separate the back casing from the rest of the speaker.

Step 7



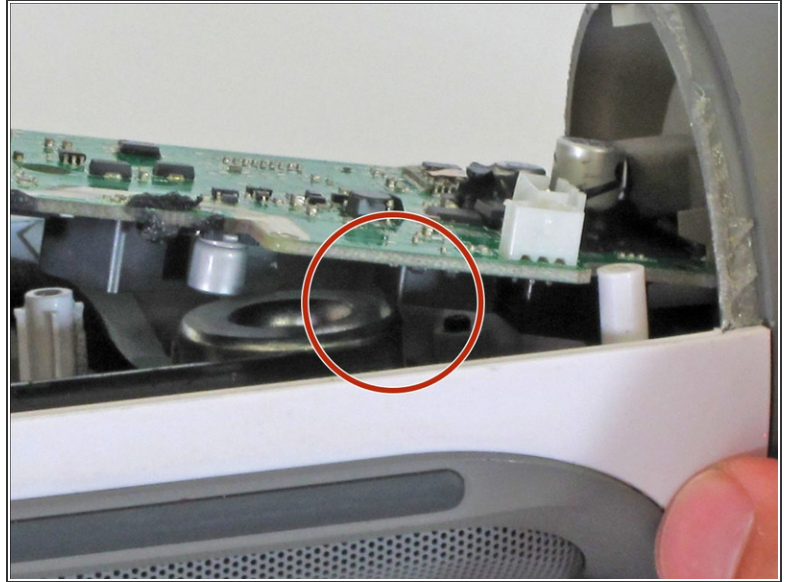
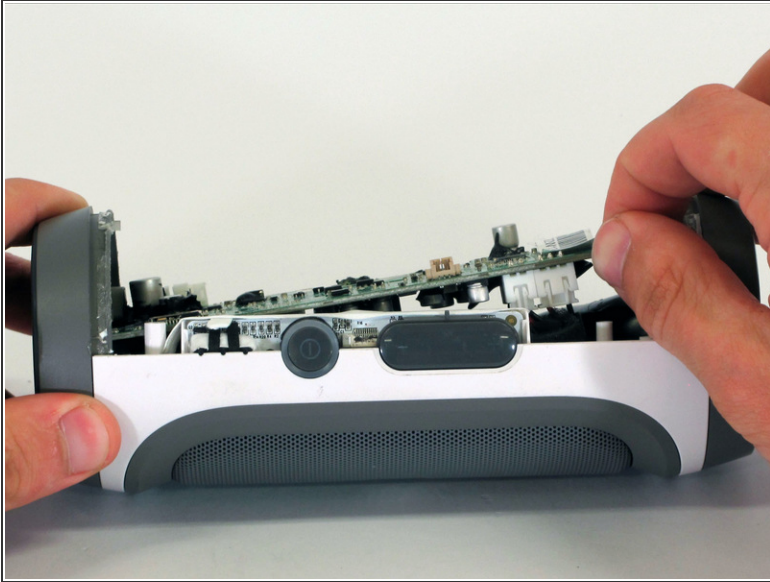
- Once the device is open, disconnect the three white connectors from the motherboard.
- Separate the two pieces of the casing.

Step 8 — Motherboard



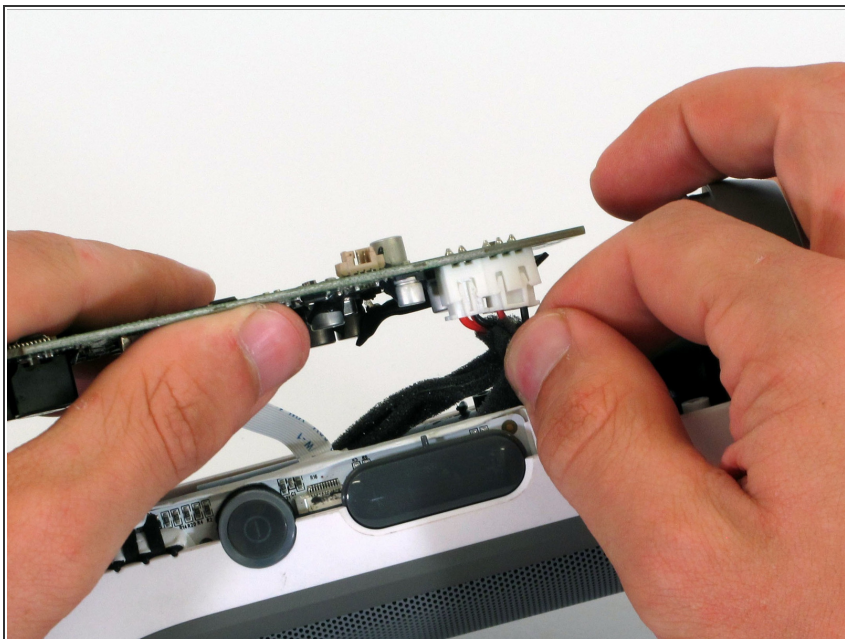
- Remove the 9 mm Phillips screw in the corner of the motherboard.

Step 9



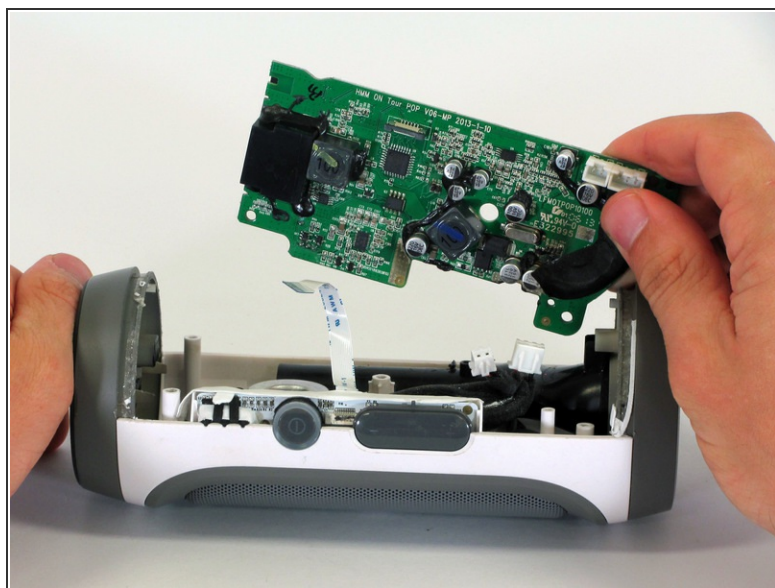
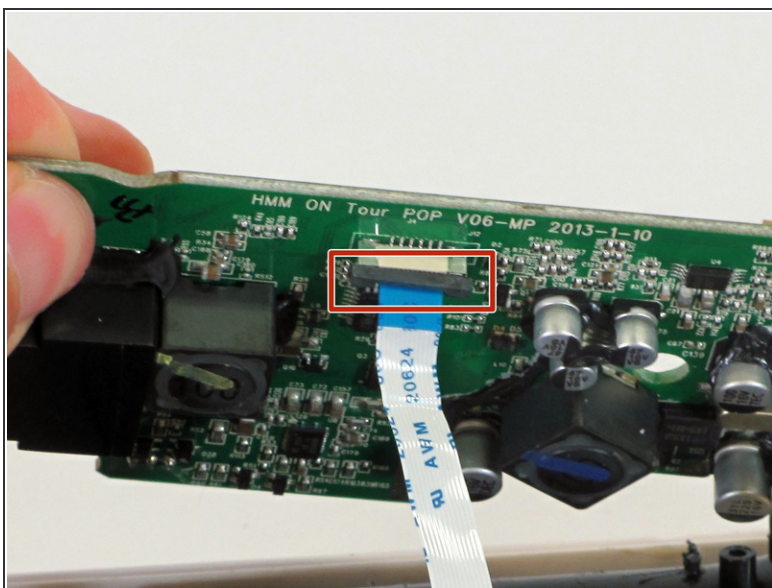
- Remove the motherboard from the casing by lifting the corner of the board out of the device.
 - If the motherboard won't budge, be sure that the square component on the bottom of the motherboard clears the edge of the speaker.
- ⚠ During reassembly, make sure the motherboard is fully installed and not sticking up past its original position, as this could damage the motherboard.

Step 10



- Disconnect the two white connectors from the bottom of the motherboard.

Step 11



- Pull down on the black clip holding the ribbon cable in place.
- Pull the ribbon cable from the connector using the blue tab.
- Remove the motherboard from the device.

To reassemble your device, follow these instructions in reverse order.

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